

WHAT IS CLAIMED IS:

1. A data communication apparatus connected to a wireless communication apparatus for executing a data communication via a wireless line, comprising:

an information communicator which communicates with the wireless communication apparatus and receives operation condition information of the wireless communication apparatus;

a clock generator which generates a clock; and

a clock controller for performing an clock control operation wherein the clock controller controls the clock generator in response to the operation condition information so that a multiplied frequency of the clock gives no disturbance to the operation of the wireless communication apparatus.

2. A data communication apparatus according to claim 1, wherein the clock controller performs at least one of a voltage control and a frequency control.

3. A data communication apparatus according to claim 2, wherein the frequency control is a frequency shift.

4. A data communication apparatus according to claim 2, wherein the frequency control is a frequency modulation.

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5. A data communication apparatus according to claim 1, wherein the operation condition information includes information of a wireless frequency used by the wireless communication apparatus.

6. A data communication apparatus according to claim 1, wherein the operation condition information includes a reception field strength of the wireless communication apparatus.

7. A data communication apparatus according to claim 1, wherein the operation condition information includes a reception data error rate of the wireless communication apparatus.

8. A data communication apparatus according to claim 1, wherein the operation condition information includes line quality information of the wireless communication apparatus.

9. A data communication apparatus according to claim 5, wherein the information communicator receives information of the wireless frequency when data communication operation is commenced.

10. A data communication apparatus according to claim 5,

wherein the information communicator periodically receives information of the wireless frequency in a predetermined time interval.

○ 11. A data communication apparatus according to claim 5, wherein the clock controller performs the clock control operation when the clock controller judges that a multiplied frequency of the clock coincide with the wireless frequency.

○ 12. A data communication apparatus according to claim 10, wherein the clock controller performs the clock control operation when the clock controller judges that the wireless frequency is changed from the preceding frequency value.

13. A data communication apparatus according to claim 7, wherein the clock controller performs the clock control operation when the clock controller judges that the reception data error rate exceeds an error correction capability of the wireless communication apparatus.

14. A data communication apparatus according to claim 6, wherein the clock controller performs the clock control operation when the clock controller judges that that reception field strength becomes lower than a level at which a data error starts to occur.

15. A data communication apparatus according to claim 7, wherein the clock controller performs the clock control operation when the clock control means judges that a reception data error occurs in the wireless communication apparatus based upon the reception data error rate.

16. A data communication apparatus according to claim 1, wherein the wireless communication apparatus outputs a signal for requesting the clock control operation to the clock control apparatus and when the clock control apparatus receives the clock control request signal, the clock control apparatus performs the clock control operation.

17. A data communication apparatus according to claim 1, wherein the clock control apparatus outputs an instruction to change the wireless frequency to the wireless communication apparatus when the clock control apparatus judges that there is no disturbance reducing effect for the wireless communication apparatus even after the clock control operation has been carried out.

18. A data communication apparatus according to claim 1 wherein the clock control apparatus notifies wireless frequency information which may be supposed to be disturbed by the clock

to the wireless communication apparatus.

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